

Asset #57090.000 6380 - KY - Green River, Mathematics, Grade 2, SEQ #: 1 EQ: N

Asset Type: Constructed Response / Calculator: Non-Calculator

Description: Mr. Wong's Farm

MA-EP-1.3.01: Number Operations - Students will analyze real-world situations to identify the appropriate mathematical operations, and will apply operations to solve real-world problems with the following constraints: add and subtract whole numbers with three digits or less; multiply whole numbers of 10 or less; add and subtract fractions with like denominators less than or equal to four and add and subtract decimals related to money. DOK-2

Sampling	Released
Common	No

1. Bobbie's class went on a field trip to Mr. Wong's farm.

There were 17 cows and 8 horses in the barn.

- a. How many animals were in the barn? Show your work.

Bobbie counted 14 pigs.

Julie counted 9 pigs.

- b. How many more pigs did Bobbie count than Julie? Show your work.

Mr. Wong has 26 more chickens than he has ducks

He has 8 ducks.

- c. How many chickens does Mr. Wong have? Show your work.

Scoring Guide

Score	Description
4	The student response demonstrates an exemplary understanding of the Number Properties and Operations concepts involved in applying addition and subtraction of whole numbers to solve real-world problems.
3	The student response demonstrates a good understanding of the Number Properties and Operations concepts involved in applying addition and subtraction of whole numbers to solve real-world problems. Although there is significant evidence that the student was able to recognize and apply the concepts involved, some aspect of the response is flawed. As a result the response merits 3 points.
2	The student response demonstrates a fair understanding of the Number Properties and Operations concepts involved in applying addition and subtraction of whole numbers to solve real-world problems. While some aspects of the task are completed correctly, others are not. The mixed evidence provided by the student merits 2 points.
1	The student response demonstrates a minimal understanding of the Number Properties and Operations concepts involved in applying addition and subtraction of whole numbers to solve real-world problems.
0	Response is incorrect or contains some correct work that is irrelevant to the skill or concept being measured.
Blank	No response.

Training Notes

Additional Notes

Correct work may include the algorithm, pictures, or other evidence of counting up or down.

Sample Solution:

Part a: $17 + 8 = 25$

Part b: $14 - 9 = 5$

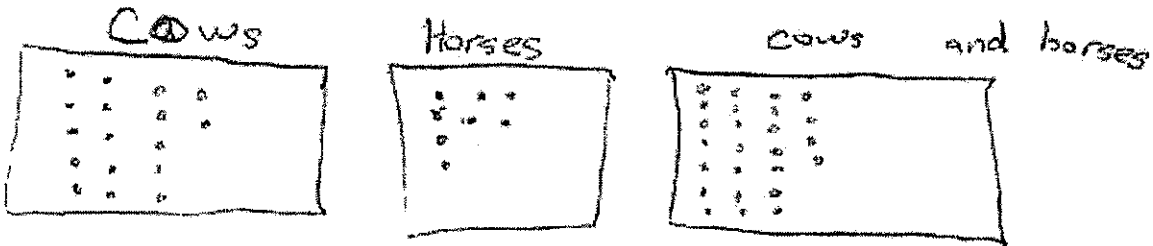
Part c: $8 + 26 = 34$

Write your answers in the spaces provided.

16. Bobbie's class went on a field trip to Mr. Wong's farm.

There were 17 cows and 8 horses in the barn.

a. How many animals were in the barn? Show your work.



Bobbie counted 14 pigs.

Julie counted 9 pigs.

b. How many more pigs did Bobbie count than Julie? Show your work.

$$\begin{array}{r}
 14 \\
 - 9 \\
 \hline
 5
 \end{array}$$

Bobbie counted (5) more pigs than Julie

Mr. Wong has 26 more chickens than he has ducks.

He has 8 ducks.

c. How many chickens does Mr. Wong have? Show your work.

$$\begin{array}{r}
 26 \\
 + 8 \\
 \hline
 34
 \end{array}$$

Mr. Wong has (34) chickens

Please STOP Do not go

Contract: 6351 Math
Booklet: 1303100229

Grade: 03 Content: Math
Response Code: MA03116

1
2
2
3
4

"cows + horses" square dots = evidence of counting

Write your answers in the spaces provided.

16. Bobbie's class went on a field trip to Mr. Wong's farm.

There were 17 cows and 8 horses in the barn.

a. How many animals were in the barn? Show your work.

$$\begin{array}{r} 17 \\ + 8 \\ \hline 25 \end{array}$$



Answer
25
Animals

Get your Answer here

Bobbie counted 14 pigs.

Julie counted 9 pigs.

b. How many more pigs did Bobbie count than Julie? Show your work.

Answer
* 5 more *

Mr. Wong has 26 more chickens than he has ducks.

He has 8 ducks.

c. How many chickens does Mr. Wong have? Show your work.

Answer
* 34 more *

$$\begin{array}{r} 26 \\ + 8 \\ \hline 34 \end{array}$$

Please STOP. Do not go on.

Contract: 6351 Math

Grade: 03

Content: Math

Booklet: 1303100019

Response Code: MA03116

2
1
2

3 A

Write your answers in the spaces provided.

16. Bobbie's class went on a field trip to Mr. Wong's farm.

There were 17 cows and 8 horses in the barn.

$$17 + 8 = 25$$

- a. How many animals were in the barn? Show your work.

Bobbie counted 14 pigs.

Julie counted 9 pigs.

- b. How many more pigs did Bobbie count than Julie? Show your work.

$$14 + 9 = 23$$

Mr. Wong has 26 more chickens than he has ducks.

He has 8 ducks.

- c. How many chickens does Mr. Wong have? Show your work.

$$26 + 8 = 34$$

Please STOP Do not go on

Contract: 6351 Math

Grade: 03

Content: Math

Booklet: 1303100073

Response Code: MA03116

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2

2 T

Write your answers in the spaces provided.

16. Bobbie's class went on a field trip to Mr. Wong's farm.

There were 17 cows and 8 horses in the barn.

- a. How many animals were in the barn? Show your work.

$$\begin{array}{r} 17 \\ + 8 \\ \hline 25 \end{array}$$

there were 25 animals.

Bobbie counted 14 pigs.

Julie counted 9 pigs.

- b. How many more pigs did Bobbie count than Julie? Show your work.

$$\begin{array}{r} 14 \\ - 9 \\ \hline 5 \end{array}$$

Bobbie counted 5 more than Julie.

Mr. Wong has 26 more chickens than he has ducks.

He has 8 ducks.

- c. How many chickens does Mr. Wong have? Show your work.

$$\begin{array}{r} 26 \\ - 8 \\ \hline 18 \end{array}$$

18 more chickens

Please STOP. Do not go on.

Contract: 6351 Math

Grade: 03

Content: Math

Booklet: 1303100000

Response Code: MA03116

1
2
0

2 A

Write your answers in the spaces provided.

16. Bobbie's class went on a field trip to Mr. Wong's farm.

There were 17 cows and 8 horses in the barn.

a. How many animals were in the barn? Show your work.

$$\begin{array}{r} 8 \\ + 17 \\ \hline 25 \end{array}$$

Bobbie counted 14 pigs.

Julie counted 9 pigs.

b. How many more pigs did Bobbie count than Julie? Show your work.

$$\begin{array}{r} 14 \\ - 9 \\ \hline 5 \end{array}$$

Mr. Wong has 26 more chickens than he has ducks.

He has 8 ducks.

c. How many chickens does Mr. Wong have? Show your work.

$$\begin{array}{r} 26 \\ + 8 \\ \hline 34 \end{array}$$

Please STOP. Do not go on.

Contract: 6351 Math

Grade: 03

Content: Math

Booklet: 1303100127

Response Code: MA03116

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1
0

) A

Write your answers in the spaces provided.

16. Bobbie's class went on a field trip to Mr. Wong's farm.

There were 17 cows and 8 horses in the barn.

a. How many animals were in the barn? Show your work.

$$\begin{array}{r} 022R1 \\ 8 \overline{) 17} \\ \underline{- 16} \\ 01 \end{array}$$

Bobbie counted 14 pigs.

Julie counted 9 pigs.

b. How many more pigs did Bobbie count than Julie? Show your work.

$$\begin{array}{r} 14 \\ + 9 \\ \hline 23 \end{array}$$

Mr. Wong has 26 more chickens than he has ducks.

He has 8 ducks.

c. How many chickens does Mr. Wong have? Show your work.

$$\begin{array}{r} 26 \\ + 8 \\ \hline 34 \end{array}$$

Please STOP Do not go on

Contract: 6351 Math

Grade: 03

Content: Math

Booklet: 1303100153

Response Code: MA03116

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1 T

Write your answers in the spaces provided.

16. Bobbie's class went on a field trip to Mr. Wong's farm.

There were 17 cows and 8 horses in the barn.

a. How many animals were in the barn? Show your work. 136

$$\begin{array}{r} 5 \\ 17 \\ + 8 \\ \hline 25 \\ 136 \end{array}$$

Bobbie counted 14 pigs.

Julie counted 9 pigs. 10 Answer

b. How many more pigs did Bobbie count than Julie? Show your work. 10 Answer

$$\begin{array}{r} 3 \\ 14 \\ - 9 \\ \hline 5 \\ 136 \\ - 26 \\ \hline 110 \end{array}$$

Mr. Wong has 26 more chickens than he has ducks.

He has 8 ducks. Answer 136

c. How many chickens does Mr. Wong have? Show your work.

$$\begin{array}{r} 126 \\ - 8 \\ \hline 118 \end{array}$$

Answer
8

Please STOP. Do not go on.

Contract: 6351 Math

Grade: 03

Content: Math

Booklet: 1303100305

Response Code: MA03116

0 A